

# METHOD AND PROGRAM PRODUCT FOR MAINTAINING SECURITY OF PUBLICLY DISTRIBUTED INFORMATION

## ABSTRACT OF THE INVENTION

5 A method and computer program product for selectively making information  
available to groups of parties amongst a plurality of parties. Public keys that may be  
descriptive, such as a simple name or part of a name, are generated and published.  
Random suffixes or keys, which are random both in nature and in appearance, are  
generated, combined with public keys and distributed to members of groups selected to  
10 have access to secure data identified by a particular secure key. The random suffixes may  
be combined with the public keys to form a URL that appears to be simultaneously  
random and descriptive. Secure keys may be changed periodically, replacing the random  
suffix portion with a newly generated random suffix. Secure keys may be encryption keys  
derived from randomly generated decryption keys.